

International 2.4metre Measurement Form

Name of Yacht: _____ IZO# / Plaque Number: 182

Sail Number: 3-130 Owner: The Scepter

Overall length		4.177	
Add Overhang Forward to LI	.460		
Overhang Aft to LI	.600		
Total Overhang	1.060	→ +1.060	
Measured Length (overall length less overhang)		3.117	
Girth at Bow	.312		
Twice Vertical Height at Bow	.240		
O at Bow	.072		
Add 1/2 O at Bow		.108	
Subtract Girth at Stern	.294		
Twice vertical height at Stern	.542		
O at stern	.352		
Add 1/2 O at Stern		.17	
Add any penalty at OI			
Correct length, L			→ 3.827
Minus girth d to d1 Port			
- Chain girth d to d1 Port			
+ Girth difference Port		→	
Minus girth d to d1 Starboard			
- Chain girth d to d1 Starboard			
+ Girth difference Starboard		→	
Add Girth difference Port and Starboard			
2 x sum of Girth difference			
Add to final sum of L = 2L			
Add Masthead Bow O	.336		
Masthead Midships O	.313		
Masthead Stern O & OI	.312		
Sum of Mastheads	.961		
Subtract 1/2 sum Mastheads, (1/2 sum 0.251)			.298
- L + 26.8			
$\sqrt{5}$			2.236
Total of Measurements: $L + 26.8 + \sqrt{5}$			6.688
Divide by 1.37 = RATING			2.400



Other Measurements recorded by measurer

Overall Length
 Overhang Forward to L
 Overhang Aft to L
 Total Overhang (max overhang forward & aft)
 Waterline Length (max length, max overhang)
 Beam at 1/3 Height of Mainship Foreboard
 Transombeam
 Maximum measured Overboard when inflated and
 secured in accordance with Rule 5.2
 Weight recorded by weighing in measurer's
 presence (including 20kg ballast)
 Minimum weight required by Rule 5.2.1.1 (WL-1000)

	4.199
580	
615	
→ 1.195	
2.999	
	kg
	289 kg

Sail Dimensions



Areas of Sails

Material: 0.50PaE	4.805 m ²
Foretriangle Total (0.50PaE) -	2.926 m ²
Foretriangle Total x 0.80 =	2.486 m ²
Sail Area for Rating = S =	6.9748 m ²
√	2.641

Builder: TRAMPFELT Designer: A. Dierker When built: 1989
 Measured by: S. Ryan Date of measurement: 95-05-23



S. Ryan